Rec'd Jan 25th
ans Feb 25

CAMBRIDGE, MASS.

24th Jany, 1871.

Dear Engelmann

It is fully time I responded to your letter of the 9th

Thanks, many, for the nice figures of Wolffia.

I wrote to Jenkins to post to you the Manual; please accept it - They print it today, & late, but we will have the rest of the sheets in a few days.

Yes, send the seed of Pinckneya.

Also a specimen of Pyrenanthemum Arkansanum.

I hope you have my new Centrisk. (Polemoniaceæ &)

If my Grecca Aloe grows I had a few plants & print I duty am to Watkins,

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It never flowered but once. I was afr. I will see if I can send you an old seed or two.

Your Bucca. fabiformis,

D. filamentosa in the garden every year produces flowers of which I should say 2/3 in each panicle, or 1/2 — have only an insignificant rudiment of a pistil!

Ask me next July for some!

MISSOURI B
GEORGE E

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Robertson wants -
just what I can't give
him. — Have R. & H. &
~~Cady~~ Companion. —
of which — I scanty
one they I could take
only 6 or 8. Whereas
they could have any
thing more Specimens
I'm to know, I —
to Paris — for Paris,

MO BOTANICAL GARDEN
ENGELMANN PAPERS

me a setting pick of
King Emperor Millions.

Perhaps Parry might
lend the originals.
But now — on 4 hours
notice — better be 4 or 6,
might — and W for San

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Dominy!

Do you attend to Cordova-
cinum — Thunbergs
Ficcea y Caracas, & la
Polycarpon depressum. Aust.
I have not. Jussieu must
have it. Probably my
S. Euphrasien.

Robert Brown will find it at
Brit. Museum.

Ever Yours
Asa Gray

So Paris gives up.
What next.

Rec'd Febr 3d
An — 5

Dear E.

Jany 31, 1871

So our letters crossed
Yours of 20th came just
after I had despatched mine
Drawn part his Mexicana —
paper.

Dr. Hoffman & N. Ork. I
never heard of.
— Yes. I must put by speci=
mens for ~~it~~ you, when I can.

I have just done Salvia
to my general content —
Except that I have no idea
at all what Salvia coccinea
Schede is. And yet am
I Linnaeus. Sw. 1846.
Can you help me. Em. A. Gray

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Rec'd Febr 14
Ans — 26

Feb. 13, 1871

Dear E.

I have yours of 5th inst. —

I don't complain of the Germans. I think they do it as impudently as they can. But I pity the poor French very much — a cruel, & cruel humiliation. The first glimmerings of good sense likely to lead towards reparation and a healthy future — is seen in the elections showing that Louis Nap & the red-republicans — in the run shows —

that the Clearwaters are likely to get the lead — and that is the last thing in my

(Concrete rd.

Greeca a candis. — Must all pickled is the name — in

Rosen. Schutt. Jun Main that crick — I suppose. Want I will copy out for you what there is. I don't quite make out if you have Friedens Memorial — 1548, 2173. but I presume you have.

MISSOURI B
GEORGE EN

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My dear Asa Gray

I sent you a Valve
or Rotifer Valve of
no fuller description

I have sent Hinds
2579. with leaves
for all the and like
those of Agave.
& a simple dense raceme
or spike, is a true
engeln. I send you
Hinds,

BOTANICAL GARDEN
ENGELMANN PAPERS

I can help you to
print any of Asa
Gray's Bot. S.

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I can give you plenty of Leucas acaulis!

"Salvia Linné 673"
~~I don't know the av. - Does it amount to pints or lbs. Thx. Sorry, Comanche Spring.~~?

— Salvia pratensis, — Knoten Pfl. — a remarkable sp!

Sa S. amplia Schube
You think Drayton var.
What number of Linné?
Send a bit of it, if I have it not.
"Stachys canescens" will be about in due time.
Linné, 995 = Leucas acaulis Schube: good sp!.

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Rec'd Feb 17 1871

Ans Feb 18 - 71

adhd.

Ch. You have not
sent Mrs Mecca
Mill. I send you some.

Poliomintha longiflora,
is Engl. 313. Had
I have - & had entered
your list copy this list.
It is from Sallie. H.
"pale red"

Mrs A Gray
Cambridge

Thurs. 2nd night.

A. Gray

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GEORGE ENGELMANN PAPERS

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Cambridge. Feb. 18.

Dear E.

I sent on 2 nos. of Brit. Rainf.: please return. & with it. If you please. an abstract, or the upshot of world on dear of Acidity. I am desirous of knowing what he is about — and it is in your line

I am glad the Atlantic are likely to get back to France — the best chance for the poor country.

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Rec'd March 7
Ans — 10

Dear R. March. 2, 1871

Yours of 25. is in — with
the 2 Put. Cert. & abstract —
thanks. Schedule is
in a pro. which is lent
out yet. I will send it
in time.

I get letters from Mississ-
ippi pass many things not
in Cuba —

Steele! So to Cadwa-
lader. I must see by
daylight. I'll copy
Thom. & Schuetz. — may a
few words.

I like pretty Arcadia
or Buccalve. Arica
name for links & sound,

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and seem to need her
Hesperalve. You
are welcome to the
suggestion.
Spain is better —
Yes a little — more
pitying. Ike is crazy
for the French —
Curses the Germans
mostly — and for all
the world wants a
French Republic —
(incompatible terms y
fear).
Thanks for telling the
Salvia cinifolia question

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GEORGE ENGELMANN

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Fruitless 2.79. I suppose
that the leaves look like
those of Agave i i.e —
flat & spiny edged.

NICAL GARDEN
MANN PAPERS

3 J. Your sincerely

Ale Fourcroya

known under the name of
Agave gigantea
& under Fourcroya in

Examen.

The flower I sent
marked from Fendler's
has no style & no
ovules in ovary. — —

Polygonum.

A. G.

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This is all I have to say at present.

Dr Gray back? I'll write him when I know where to find him, though I think he owes me letters.

Look in the Garden at Yucca, plants & tell which have flowered this season, and tell me whether the new shoots which are to flower 1872 or 73 come from between the upper leaves, near the scape of this year, 1871 or from the subterranean stem. The true Yucca filamentosa sprouts from the upper leaf-axils, several other filamentose species from the subterranean stem only

Please cut this out for Gray

Yours truly

J Engelmann

Answer — over the leaf

No sprouts seen yet from side of scape or among the leaves.

Some show sprouts (whether to flower?) below next the ground.

Yet I suppose this is the time Yucca flamentosa, unless there is another like it native of Virginia.

A. G.

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Rec May 16 1871
Ans Jn 13

Dear C. May 12. 1871

Laid up a day
in bed — have cold —
lost voice from an
use. — & so to-day and
for little, I can drop
you a line, Dreadful
busy at this season —
and — as I think you
know. I am building —
(having found a man to
pay for it) a lecture —
room & lab. Laboratory up
here. & a store — house —
— all to give space below
Herbarium & present cramped
I have to run every
bit of work or

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GEORGE ENGEL

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stone or wood throughout, and thoroughly dry when burnt, — and use as required. Gardener

Thanks for Pinckneya fruit & seed.

Sent Pine & Elliott's Grasses

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ENGELMANN PAPERS

Communicate Nicaragua R. & S. Hexandria of same

C. Mohr is at work at Mobile

rare. — for a while —
Agassiz spoke Cali=
fornia and Copperton!
with dr Lincoln and — he
can make no speeches
at pea!

Hesperalve I like
the shape & sound of
better than Alveiola
— with 3 vowels together —
Shorter than Pseudalve
But taste differs.

That of Yuccita a canon
it is said from J. Coast
of Newfoundland. — came to
us last fall, from some one
Plants of St. Domingo not
come yet, except Algae —
Sorry our botany in Europe so
Ever Yours
A. Gray

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Aug 28
Aug — 29 6 — June 24, 1871

Dear R.

Yours of 13th in hand
and enclosure delivered to
Brown. I have had to
days holiday. Newport.
& seen five places on
Sandusky River — studied
boating & excursions. & to-
— am busy now with hunting,
& hope to get to work on Botany
again.

I hope to get away for Indian
affairs, but only a summer
man — like to meet you
there. Can't go to St. Louis
to see you till next year.

Sorry to wish have been
here a few days — left yes-
terday, my wife will be only
too pleased to stay this summer,
a few weeks, — Cool on the coast

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MISSOURI
GEORGE

Dear Prof. Asa Gray

Mrs Gray sends love to Mrs E.
& yourself.

Ever yours
A. Gray

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A few years ago we met
as for as Michigan in the
- Y summer. and it half
killed her.

I'll get some Opuntia
vulgaris from Long Island
for you, if you want, —

Yours,

BOTANICAL GARDEN
ENGELMANN PAPERS

I am taking part to
Cactus & other succulent
vegetation — my head like
consumptive most study is a
good place to write them
On Zucca filamentosa
is in bud only. When
out I will send you the
flowers & show this physiology
Will put Lem Hemp
this up & get seeds —
Lemuel Benedictus he will
pay for them.

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Dear Sir 14
Aug — 23

Augusta
Sunday !
Atlanta July 10, 87

1615

My Dear Sir Lindheimer
Colman

I am glad to write to you. & to respond to two letters, as soon as Becca - Flowers are out. They are now in full bud.

I was glad to write to Lindheimer - but I doubt if he can help what - I should write. You can. I want to stir him up; to pick

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GE RGE ENGELMANN

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AL GARDEN
N PAPERS

up for me and
my correspondence —
himself such seeds
as are right about
him: and to see
that somebody gets
there further N.
Mex about 50
dollars a year
(except him)
I want recommend
of things we once
had from him, but
are now lost to
gardens. — Hope are
one or two —

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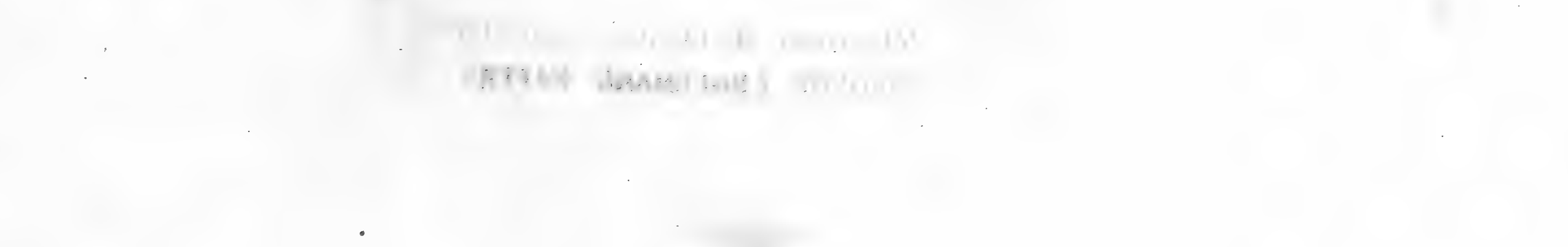
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Salvia Roemeriana. The first name in cult.
is poor & mean compared with that
we used to have for Texas.
" pentstemonoides
Palafoxia Hookeriana. The Texan plant
was a fine one; the one now cult.,
a poor little thing.
Thelesperma filifolia
" gracile —
Bidens leptocephala — it is nice!
Agoseris — [Lindheimer in Herb.
Ind. in Ind. most composite
Linum Berlandieri " Ceteram censeo"
I almost envy Mrs.
Gray stir Rain up —

Ever A. Gray

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GARDEN

Aug 20
Aug — 21

July 11th 1879

My Dear Engelmann

Yucca out at
length. B. filamen=
tosa. I have put a
specimen in press to
go with as part of flower
and seeds by mail.

It is not the pistils
that are abortive — as I
misunderstood — but
the stamens. — only
abortive anthers to be
seen. In fact this year
I've four, in the two flower
stamens, not one full-grown
anther to be found. —



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In Bot. Zeit., no. 24, June 15, is an article by Koeppen, on how bees kill plants; what is the upshot of it?

MISSOURI BOTANI
GEORGE ENGELM

Have I asked about L. agrifolia? Or druck, in Danish in Kirk. Medd. Lang & Popenoe by E., in Amer. Orch.

Don't: no "steinacht" hypothesis either in Yucca or Agave. It is the Catalpa that keeps in mind, but must in time

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The Mace shows
n' leaf traits shows
that. I do not know
a simple word "radicle"
or the "caudicle" in
any Monocot.? Do you?

ANICAL GARDEN
LMANN PAPERS

I assume confusion
+
mellitum:
in my Herb. Mem
together. I am confident
may your conjecture be vis-a-vis?
I Herb. is home
again. I will forward
the enquiry about the
Ivy you sent.
Perhaps you had lost

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on the stigmas.
When the pollen is
on a county in the
another. But I
have magnified
some of the grains,
& they have <u>four ribs</u>
in and abundance.

I have not "Typha
L Rohrbach"
yet wipe seed &
they turn up. I
Scirpus pumos.
Mr D. Mandel of
Penna, if you know him,

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Rec'd Aug 21 1871
Ans Sept 3

Just at my last revision of
Vanua, and see if I should
value Scleptura of Smith —
Leaned from you, mostly,
Might at length track them.

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GEORGE ENGELMANN PAPERS

26 July 1871 A.G.

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Sept 15

H B Brady Newcastle
England

Aug. 31, 1871

My Dear Dr. Engelmann

This is to intro=
duce Mr. Brady,
a friend of Professor
Oliver and Mr.
Stanbury, who has
some enquiries &
messages from the
Letter to propound
Mr. Brady is famous
in Foraminifera and the

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MISSOURI BOT
GEORGE ENGE

like, and may count,
I know, upon your
furthering his wishes
and inspiring him
in to friendly com-
munication with
any one at all in
his line in your
region.

Believe me to
be ever yours

Asa Gray

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Cambridge

Rec'd Nov 9th
Ans — 15

Dear E.

Nov. 4, 1871

It is an age since I have written. Classes & new buildings have occupied every minute. Never sit down till evening — then a mass of correspondence that can't be postponed — and so I never reach your letter. I am tired of this sort of life.

Who was Conrad Spengel? When & where lived? any relation to Kurt?

Mrs. Peck sent me the Arcanthidium. I told him what it was, I supposed it A. campylopterum.

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Dear Jim,

I believe I have nothing you have not seen. Yet I ought to have looked to see what Lizzie may have collected. But when Brewer was packing & called on me. I could not stop

MISSOURI BO
GEORGE ENG

I have many other letters of yours unacknowledged, but I cannot get them to them yet.

Yours,

A. Gray

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Christian Conrad Sprengel
Discovered
the secret of Nature in the structure
and fertilisation of flowers.
Berlin 1793. 444 pages & 25 plates.

Spr. Rector at Spandau,
afterwards living in Berlin.
privat gelehrter

OTANICAL GARDEN
GELMANN PAPERS

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Rec'd Nov. 27th
Ans same Day

Dear Engelmann

Nov. 26. 71

I shall be a letter cor=
respondent on these days,
& am always better than
I may. The sad news is
to be here to-morrow.
Glad my specimens & Richter's
drugs are of use.

"It never rains but it
pours" is an old proverb
— now longer true of the weather
— but applies to Arcanthodium.
Leggett & Newbrook sent
me some bits of the one
Ocala sends (♂), which a
lady got in N. part of
Santoya Co. — near the
Withlacoochee — when it
is in abundant flower at it
is thought to be killing the



Black Spruce —
And nobody found it all
this while! I knew it
is!

I will ask — but an
adult Camptosporium
is as good as Brachysporium
Yet employ umed prop
camptosporium — & it
does a good adjective
from, & a Latin sort,
There is a diminutive speak
podium

Any how, there was no
call for Eichler to change
the name, & it was probably
a slip.

Vis cum Bellemere Seemann
How I get it? Yes — I send
you such bits as I can pick up.

MISSOURI BOTAN
GEORGE ENGEL

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There is a cut figure, with
details in Bot. Gazette Bot.
Herald. q. v.

Perhaps I should have a
tracing for you. If Turner
does not trace it for you to-
my wife will. The lesser is
that

I ignored your question

Why are Sarcostemma ~~—~~ ?
in large clumps & one sp ?
Because I don't know know,
& can't guess.

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MANN. PAPERS

Ever Yours

A Gray

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Rec'd Dec 9th
ans Dec/22

Dear Engelmann 107

Dec. 6. -

Yours of Nov. 27. in. -
I will see what I can
send you of Complus fls.

Viscum Billeanum, Seem.
~~Bot. Herald~~ Bot. Voy.
Herald - from it the
plate was copied - a 2nd
part of it - by Torrey

I have supplied Oliver
(Kew) freely with
Peruvian mss - from Virginia
- some in spirits.

I had not taken up the
Vitis vulpina question. ✕
forget what my views were,
but I suspect the last was

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may be, as you say — to
Rhus Vulpina L. & Rhus
stenophylla & cardiphylla.
But Vitis vulpina L.,
is founded not on Kalm's
specimen, which is from near
the Del. R. Virginia — but on 'Pluk=
enets' "V. Vulpina dicta
Virginiana nigra." —
of that I could find no
specimen in Mr. Plunk,
(Mr. Mus). Yet I
suppose it — it must be
this

I think does that this
is somewhere in Law among
Called Hot-house —

MISSOURI BO
GEORGE ENG

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and it turns again much
on that.
Wherry N. calls V. cuti-
pila Hex-Grape

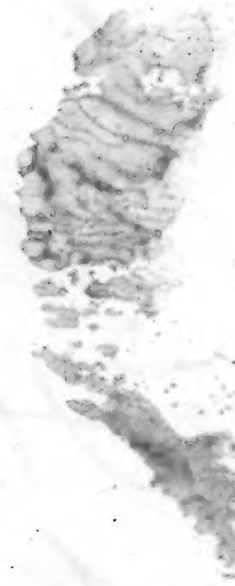
Mell. Linnaeus
Hex Grape Came
from Smith — pr 9
named Krap Hex-Grape
V. vulpina for that —
in spite of M. L.

Clayton is not cited
by Linn. — pr
nor help them.

Here are what
Comptn & I can
find Ever A Gray

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